# Dividing Fractions Quest: Study Guide

Calculators should not be used.

1. Jada made 6 cups of blueberry jam and divided the jam equally among 4 containers. How much jam went in each container?
   1. of a cup
   2. 1 cup
   3. of a cup
   4. 24 cups
2. The distance from Fort Totten metro to school is mile. The distance from Mrs. Moore’s house to school is miles. How many times the distance from Ft. Totten to school is Mrs. Moore’s house? Write an equation and then solve.
3. Jada has read of a book. She has read 75 pages so far.
   1. Write one multiplication and one division equation to represent the situation.
   2. How many pages are in the whole book?
      1. 45 pages
      2. 105 pages
      3. 120 pages
      4. 125 pages
4. A recipe for cookies calls for of a cup of sugar per batch. Elena used  cups of sugar to make multiple batches of cookies. How many batches did she make?
5. Write a multiplication equation that represents the question: how many s are in ?
6. Write a division equation that represents the question: how many s are in ?
7. Divide:
8. Tyler used  gallons of paint to paint  of a fence. How many gallons will it take to paint the whole fence? Write a multiplication equation or a division equation to represent this question, then find the answer. Show your reasoning.